Ms. RUPALI JOSHI

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ASSISTANT PROFESSOR

CAREER PROFILE

Experienced and detail-oriented **Assistant Professor** in Pharmaceutical Sciences with a strong background in academia and expertise in the field of pharmaceuticals. Passionate about teaching and mentoring students, I create an engaging and interactive learning environment that fosters critical thinking and prepares students for successful careers in the pharmaceutical industry. Skilled in curriculum development, I design courses that integrate theoretical knowledge with practical applications, equipping students with the skills necessary for pharmaceutical research and drug development. With an active research agenda, I contribute to the advancement of pharmaceutical sciences through scholarly publications and collaborative research projects. Experience working in a multi-cultural, multi-task, and fast-paced environment. Committed to academic excellence and professional growth, I strive to inspire and guide students to excel in their studies and make meaningful contributions to the field of pharmacy.

AREAS OF EXPERTISE

- Curriculum Development
- Pharmaceutical Sciences
- Pharmaceutical Analysis
- Academic Writing
- Presentation Skills
- Pharmaceutical Technology
- Computational Skills
- Microsoft Office
- Pharmaceutical Education
- Quality Assurance
- Language And Culture Instructor
- Project Management
- Literature Review
- Scientific Writing
- Research Skills
- Critical Thinking
- Communication Skills
- Team Management
- Leadership
- Cultural Sensitivity
- Time Management

SUMMARY OF CORE QUALIFICATIONS

- Ability to effectively deliver lectures, facilitate discussions, and engage students in the classroom, fostering a stimulating and interactive learning environment.
- Proficiency in designing and conducting scientific research, including experimental design, data collection, statistical analysis, and interpretation.
- Ability to critically analyze scientific literature, write scholarly articles, research proposals, and grant applications in adherence to publication standards and guidelines.
- Proficiency in using software and tools for data analysis, molecular modeling, drug design, and bioinformatics in pharmaceutical research.
- Ability to mentor and advice students, providing academic and career guidance, supporting their research endeavors, and fostering their professional growth.
- Demonstrates excellent observation, critical thinking, and verbal and written communication skills.
- Able to meet deadlines in a fast-paced quickly changing environment.
- Efficient in decision-making and a sense of responsibility.
- Capable of good organizational skills.
- Highly skilled in interpersonal and communication skills.

PROFESSIONAL EXPERIENCE

Devsthali vidyapeeth | Rudrapur, uttarakhand | Assistant professor **Aug 2019 – Nov 2020**

- Delivering lectures, leading discussions, and conducting laboratory sessions for undergraduate and/or graduate courses.
- Providing feedback and guidance to students to support their learning and academic progress.
- Assisting students in selecting courses, defining research interests, and developing their academic and career goals. Supervising graduate students' research projects, thesis, and dissertations.
- Networking with colleagues and participating in scholarly and academic events to foster collaborations and knowledge exchange.

Mascot college of pharmacy | Bareilly, uttar Pradesh | Assistant professor **Dec 2020 – April 2022**

- Conducting independent research in pharmaceutical sciences, focusing on areas such as drug development, drug delivery systems, pharmaceutics, pharmacology, medicinal chemistry, or pharmaceutical analysis.
- Providing academic advising and mentorship to undergraduate and graduate students in pharmaceutical sciences.
- Assisting students in selecting courses, defining research interests, and planning their academic and career paths. Supervising graduate students' research projects, theses, and dissertations.
- Engaging in service activities within the department, university, and professional organizations.

Himalayan Institute of Pharmacy and Research|Dehradun, Uttarakhand | Assistant Professor **May 2022- Present**

- Conducting independent research in pharmaceutical sciences, focusing on areas such as drug development, drug delivery systems, pharmaceutics, pharmacology, medicinal chemistry, or pharmaceutical analysis.
- Providing academic advising and mentorship to undergraduate and graduate students in pharmaceutical sciences.
- Assisting students in selecting courses, defining research interests, and planning their academic and career paths. Supervising graduate students' research projects, theses, and dissertations.
- Engaging in service activities within the department, university, and professional organizations.

Freelancer | Pharma scroll pvt.ltd

- Develop effective social media strategies tailored to the client's objectives, target audience, and industry trends.
- Create engaging and visually appealing content for social media platforms, including posts, images, videos, and infographics.
- Manage social media accounts, including scheduling and publishing posts, responding to comments and messages, and monitoring analytics and performance metrics

Internship | Pharma scroll pvt.ltd

- Collect and analyze social media data using analytical tools and platforms.
- Assess the effectiveness of social media campaigns and initiatives, identify strengths and weaknesses, and provide recommendations for improvement.
- Utilize social listening tools to identify emerging trends, consumer preferences, and potential opportunities or threats.

Teaching

- 3.9 years teaching experience
- Teaching students to improve desired behaviors by creating behavior plans that they could utilize.
- Utilizing behavior management skills to foster an environment conducive to student learning. Utilizing positive reinforcement, behavior guidelines, and other behavior modification.

EDUCATION

- ❖ **2017 - 2019** M. Pharm **| DevsthaliVidyapeeth College of Pharmacy | Rudrapur, Uttarakhand | 8.54 CGPA**
- ❖ **2013 - 2017** B. Pharm **| GRD (PG) Institute of Management & Technology | Dehradun, Uttarakhand | 72.1%**
- ❖ **2011** Intermediate **| Cynthia School Haldwani | Nainital, Uttarakhand | 68.6%**
- ❖ **2009** High School **| M.L.S.B.VidyaMandir Peter's Field | Nainital Uttarakhand | 76.4%**

ACADEMIC PROJECT

M.PHARM | "Development and evaluation of Phytosomes containing bark extract of Terminalia arjuna"

- Under the guidance of Mr. Manoj Bhardwaj, Department of Pharmaceutics Devsthali Vidyapeeth College of Pharmacy Rudrapur, Udham Singh Nagar (Uttarakhand).

B. PHARM | "Formulation and evaluation of mucoadhesive gastroretentivetablets of omeprazole"

- under the guidance of Ms.Tanuja Bisht GRD (PG) Institute of Management and Technology, Dehradun (Uttarakhand)

POSTER PRESENTED AND CONFERENCE ATTENDED

- ❖ **Formulation and evaluation of mucoadhesivegastroretentive tablets of omeprazole**
  - Presented in research poster-2018, two days national conference on current trends in pharmaceutical sciences, organized by DevsthaliVidyapeeth College of Pharmacy Lalpur, Kicha Road, Rudrapur, Uttarakhand (23rd - 24th march, 2018).
- ❖ **Development and evaluation of phytosomes containing plant extract of Nymphaea nouchali**
  - Presented in research poster-2019, 13thuttarakhand state science and technology congress (ucost) 2018-19, 26th - 28th February, 2019 Dehradun (Uttarakhand).
- ❖ **"Research Methodology and Data Analytics" Cofrence**
  - Attended Faculty Development Program Organized by Uttaranchal Institute of Pharmaceutical Sciences, Uttranchal University Dehradun (Uttarakhand). 13th – 26th July 2021.
- ❖ **"Recent advancement in pharmaceutical sciences"**
  - Organized a national conference in Mascot College of Pharmacy, Bareilly on 20th February 2020.
- ❖ **"Innovation in Pharmacy and Pharmaceutical Sciences(IPPS 2023) from discovery to practice"**
  - Attended International Conference at Uttaranchal University, Dehradun on 21-22nd April 2023.

PUBLICATION

- “Novel approach on herbal drug delivery system: Phytosome a brief overview”, Volume: 9, Issue: 2, Year: 2019, International Journal of Pharmacy and Biological Sciences (IJPBS)
- “Opsonization as a long circulatory approach: A challenge in drug delivery”, International Journal of Pharmaceutical science and research. DOI: 10.35629/7781- 08012127214
- “Formulation strategies against opsonization recognition: Prerequisite for long circulatory systemic drug delivery”, International Journal of Pharmaceutical research and applications. DOI: 10.35629/7781-080121272144

REFERENCE

Available upon request